

Zeropoint Water Conditioning

How a Water Softener works.

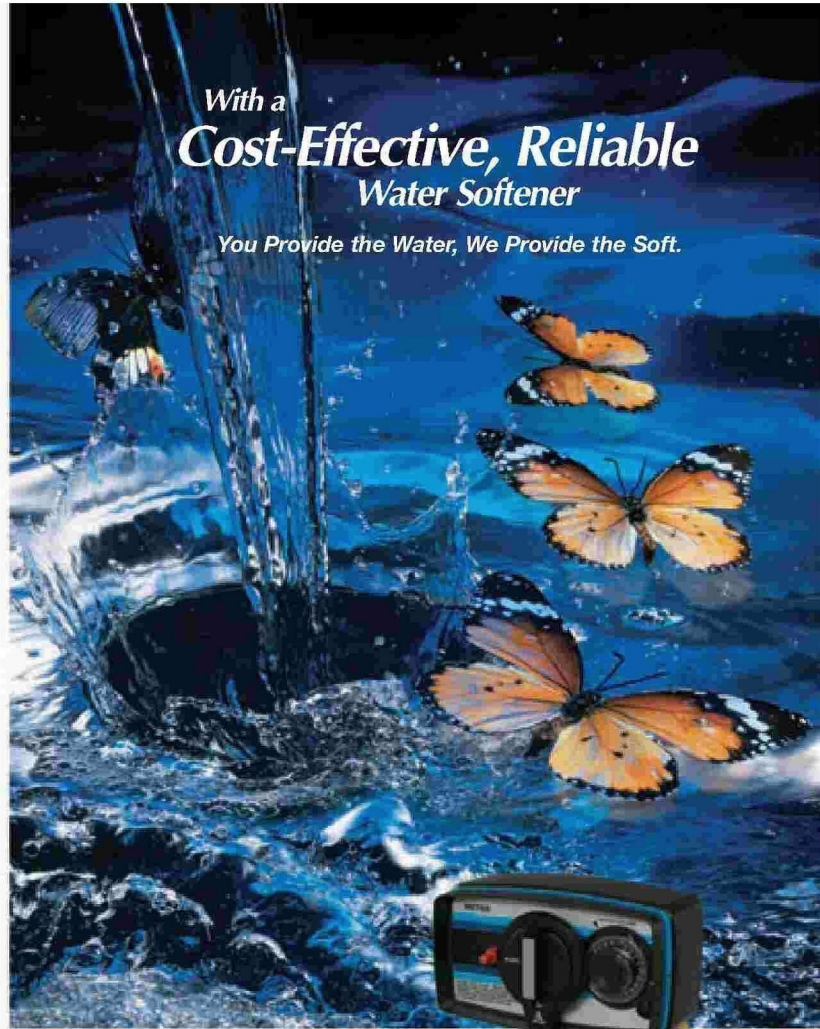
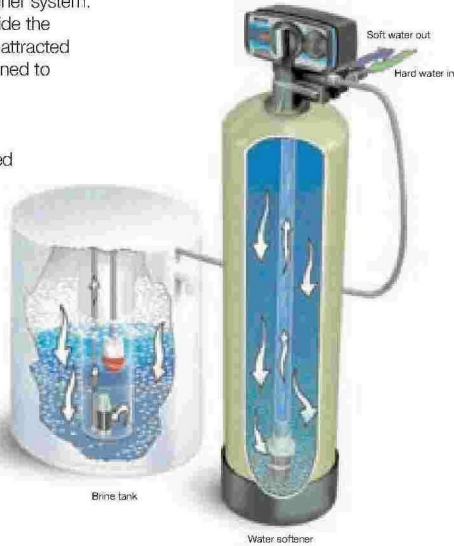
Water Softening Process

Hard water enters the water softener system. As it passes through the resin inside the tank, the hard water minerals are attracted to the resin and the water is softened to service the home.

Regeneration Process

When the resin becomes saturated with hard water minerals, the water softener system goes automatically into regeneration. This is the process that frees the resin of hard water minerals, making it ready to soften the water again.

Brine water is drawn into the tank and rinses the hard water minerals off the resin and down the drain. Once the resin is free of hard water minerals, fresh water rinses the remaining brine water out of the system leaving the system ready for service.



Filterite Series



Zeropoint Water Conditioning Systems

One of the most reliable solutions for your family.



Advanced technology for advanced performance.

Key to the exceptional quality and performance of a water softener with a Fleck 5600 control valve is the proven piston-seal-spacer technology. This technology features a hydraulically balanced, Teflon-coated piston with a seal and spacer to effectively control service flow and regeneration. With only one moving part, the self-cleaning piston undergoes less wear and tear over time. The end result? A highly durable water softener with unsurpassed performance. Fleck's technology is so reliable, one water softener was recently found in perfect working condition after 38 years.



Teflon-coated piston

High durability.

The 5600 control valve has been engineered and tested to withstand the equivalent of 27 years of uninterrupted daily use.



Installing the Fleck 5600 softener system can save significant amounts of water and salt.



Advanced SE Electronic Timer



Mechanical Timer

Optional meter or mechanical control.

Your choice of a mechanical timer that initiates regeneration on a preset basis, whether needed or not, or a more efficient meter system that measures the water used. Because meter systems control regeneration based on water volume instead of time, you can save significant amounts of both water and electricity.

Zeropoint "Filterite Series"

Specifications



UNIT FEATURES:

- Polyglass Mineral Tank: Fiberglass reinforced tank for superior durability and corrosion resistance, NSF approved.
- 1" Hi-flow distributor for minimal pressure loss.
- Brine Tank: High Density Polyethylene.
- Safety Brine Valve prevents brine overflow due to mechanical or electrical failure. * (optional)
- Polypropylene grid plate allows insoluble materials to settle out of salt. * (optional)
- Resin: High capacity ion exchange resin has uniform and stable beads for long life. FDA approved.

VALVE FEATURES:

- Solid State microprocessor with LED display.
- NOVRAM valve status and memory backup.
- Compact turbine meter efficiently monitors water flows from .25 gpm to 15 gpm.
- Fully adjustable 5 cycle controller allows for fine tuning to serve a wide variety of water needs.
- Non-corrosive, UV resistant Noryl ® body.
- 1" inlet and outlet provides improved water flow.
- Metered Delayed Demand Regeneration held to a specific time of day based on usage and water hardness.



MODEL NO.	SALT CHART				ADDITIONAL INFORMATION				
	SALT(1) DOSAGE (LBS)	CAPACITY (GRAINS)	MINERAL TANK INCHES	MINERAL(2) CONTENT (CU.FT.)	OPERATING RANGES MIN/MAX		MAXIMUM(3) FLOW RATE DRAIN GPM	RATED SERVICE FLOW	
					P.S.I.	TEMP F °		G.P.M.	P.S.I./DROP
ZM5624M	4.1	13,000	8 x 44	0.75	25/120	40/100	1.5	8.4	9.7
	6.8	18,300							
	11.3	25,700							
ZM5632M	5.5	17,300	9 x 48	1.00	25/120	40/100	2.0	10.0	10.7
	9.1	24,500							
	15.0	33,400							
ZM5640M	6.0	19,000	9 x 48	1.10	25/120	40/100	2.0	10.0	11.3
	10.0	26,900							
	16.5	36,700							
ZM5650M	8.2	25,900	10 x 54	1.50	25/120	40/100	2.4	9.7	10.3
	13.6	36,700							
	22.5	50,000							
ZM5660M	10.9	34,500	12 x 48	2.00	25/120	40/100	3.0	12.0	11.6
	18.2	48,900							
	30.0	66,700							

1. Regeneration with salt dosages greater than those shown may result in excessive salt consumption, salt water to service after regeneration, or both.
 2. Type of conditioning mineral : Cation Exchange Resin. 3. Use this flow rate for drain line sizing.